References:

1 Amine, Tukamote, Yasuda, Fujita (1997) Preparation and electrochemical investigation $LiMn_2$ – cathode Materials for secondary Lithium batteries. Journal of Power Sources 68, PP 604-608.

2 Amparat , Artia, Walaporn & Sirisart (2008) , Synthesis of Highly conductive polypyrrole Nanoparticles via microemulsion polymerization. Journal of material, Vol18 No-2. PP 27-31.

3 Agarwal & Awadhia (2004), DSC & Conductivity Studies on PVA based proton conduction gel electrolytes. Bull Mater Science Vol. 27 No- 6, PP 523-527.

4 Bhakti, Raigaonkar, Vijayari etl (2010) Modification in polyaniline oxidation state as a consequerce of antbracence doping journal of pure & Ind.Phy Vol (1) PP53-60

5 Che , Lakshmi et al (1998). Chemical Vapor Deposition Based synthesis of CarbonNanotubes & Nanofibers using a Template Method chemical Mater 10, PP260-267.

6 Dumitrescu, Nicole, et al as (2009). Synthesis & characterization of conductive polymers with enhanced solubility. UPB Sci Bull series A Vol.71, PP 63-71.

7 Desouza Neto, Santos et al (1999). Polypyrrol Based Aroma Sensor. Synthetic Metals 102, PP 1296-1299.

8 Fang, XueQin (2010).Synthesis of Polyaniline Nanoparticles, Advanced Materials Research Vol 96, PP237-240.

9 Feng, Zhuo et al (2009) Synthesis, Characterization & Microwave Property of the SnO_2 Nanowire/Parafin Composites. Nanosale Res. Lett Do 10, 1007, PP 9419-20.

10 Gupta, Chakraboty, et al (2010) Synthesis, Magnetic, Optical & electrical transport properties of the nanocomposites of Polyaniline with some rare earth Chlorides, Journal of Applied Physics 108, 073701

11 Gajerdran & Saraswathi (2008). Polyaniline Carbon nanotube composites, Pure & applied chemistry 80, PP 2377- 2395.

12 Geng L, Zhao et al (2007) Characterization & gas sensitivity Study of Polyaniline / SnO_2 hybrid Material Prepared by hydrothermal route. Journal of sensors & Actuators B- 120., PP 568- 572.

13 Hua, Gaoquan (2007), Gas Sersors Based on Conduting Polymer, Sensors Vol.7 PP 267-307.

14 Hossein Eisazadeh (2008), Nanoparticles Preparation of Pyrrol & Styrence Co- Polymer in Aqueous Media World Applied Science Journal 3(1) PP 14-17.

15 Jonathan Engel, Jack et al (2005). Polymer MicroMachined Mulitmodal tactile Sensors. Sensors & Actuators. A 117, PP 50-61.

16 Jonas, Schrader (1991). Conductivity Modification of Polymers with Polypyrroal & Polythiophenes, Synth Metal 41-43, PP 831-836.

17 Laska, Zak, Pron (1997). Conduting blends of polyaniline with conventional Polymers. Synthetic Metals Vol 84, PP 117-118.52

18 Liming, Prabhu et al (2002), Sensors & Sensor arrays based on conjugated polymers & carbon nanotubes. Pure applied chemistry Vol 74, No. 9, PP 1753-1772.

19 Miroslava & Stejskal (2011). Polyaniline : The infrared Spectroscopy of coriductiong Polymer nanotubes. Pure App. Chem. Vol 83, No – 10 PP 1803-1817.

20 Mohammad, Maryam et al (2008), Pollaniline/ T_iO_2 Nanocomposite, Enzymatic Synthesis & Electrochemical properties, Int Journal Electrochem sci, Vol- 3, PP 117-126

21 Mohammad, Izura et al (2009) . Comparative Studies on Microstructural & gas sensing performance of TiO_2 – PANI Nanocomposite thin Films. Solid state Science & Technology .Vol.17 No -1 PP 126-131.

22 Mohd Shamsuddin & Rusli (2009). Malaysia Polymer International Conference. MPIC PP 338-394.

23 Murugendrappa, Khasim et al (2005). Synthesis, Characterization & Conductivity studies of Polypyrrol- Flyash composites. Bull Mater Sci. Vol 28 No- 6 PP 565-569.

24 Muoi Tang, Tsungweri et al (2003). Synthesis of electrically conductive Polypyrroal-Polystyrene Composites using supercritical carbons dioxide, Effects of the blending conditions. European Polymer Journal. Vol 39. PP 143-149.

25 Murari, Fukasawa et al (2009). Electrical Conductivity of Microwave Heated Polyaniline nanotubes & possible mechanism of Microwave Absorption by Material. Journal of Microwave power & Electromagnetic Energy. Vol 43, No-1 PP 34-43.

26 Niyazai Bicak, Senkal et al (2005). Preparation of organo- soluble Polyanilin in ionic Liquid. Synthetic Metals 155 PP 105-109.

27 Ramola, Chandra et al (2009). Heavy ions induced modification in structural & electrical Properties of Polyaniline. Current Science. Vol- 97, No-10, PP 1453-1457.

28 Saboktakin, Maharramov et al (2009). Synthesis & characterization of Polyaniline/ Poly. P Hydroxyaniline/Fe_3O_4 Magnetic Nanocomposite. Journal of Non-Oxide Glasses. Vol-1, No-03, PP 211-215.

29 Sadie, Kulkarni et al (2010). Cabalt nanoparticles doped emaraldine salt of polyaniline , A promising room temperature, magnetic semiconductor. Journal of Magnetism & Magnetic Materials 3222, PP 3926-3931.

30 Sai Ful, Sharif Hussen et al (2011). MnO_2- filled Multiwalled carbon Nanotube/ Polyaniline nanocomposites effect of loading on the conduction properties and its percolation threshold. Nano, Brief Reports & Reviews. Vol-6, No-1, PP 81-91.

31 Sainz, Benito et al (2005). A soluble & highly Functional Polyaniline – carbon nanotube composite. Nanotechnolgy. Vol 16, PP 150-154.

32 Schnorr, Swager et al (2011). Emergine Application of Carbon Nanotubes Chem.Mater 23,PP 646-657

33 Sridevi, Malathi, Devi (2011). Synthesis & Characterization of Polyoniline / Gold Nano composites, Chemical Sciences Journal. Vol 23, PP 1-5.

34 Stejskal , Gilbert (2002). Polyaniline , preparation of conducting polymer. Pure Appl. Chem. Vol 74, No-5, PP 857-867.

35 Syed, Raghavendra et al (2011). Synthesis, characterization and magnetic properties of polyaniline/ Fe_2O_3 composites. Bull Mater Sc. Vol.34, No-7, PP 1557-1561.

36 Syuichi, Seljiro et al (1997). Solid Polymer electrolytes for Lithium cells, Journal of Power sources 68, PP 37-42.

37 Tan, Zang, Kan (2009). Synthesis and Properties of Polyaniline in the presence of nickel chloride. Express Polymer letter. Vol- 3, No- 6, PP 333-339.

38 Tzong, Lin (2006). Doped Polyanilinel , Multiwalled carbon nanotube composites : preparation , characterization & properties. Polymer 47, PP 3576-3582.

39 Umare, Shambharkar, Ningthoujam (2010). Synthesis & characterization of Polyaniline – Fe_2O_4 nanocomposite : Electrical conductivity Magnetic, electrochemical studies. Synthetic Metals 160, PP 1815-1821.

40 Wu, Xue Qi (2009). Synthesis & characterization of PANICLAY nanocomposite with extended chain conformation of Polynailine. Polymer Vol -41, No- 6, PP 2029-2032.

41 Wang, Feng li et al (2009).Fabrication of Graphene/ Polyniline composite Paper Via in situ anodic electropolymerizaiton For High – Performance Flexible electrode. American Chemical society. Vol- 3, No- 7, PP 1745-1752.

42 Waghuley, Yenorkar et al (2007).SnO_2/PPY Screen – Printed Multilayer CO_2 gas sensor & Transducers Journal. Vol-79 issue- 5, PP 1180-1185.

43 Xinya Zang, Monohar (2006). Microwave Synthesis of nanocarbons from conduction polymers. Journal of, The Royal Society of chemistry. Chemical communication PP 2477-2479.

44 Younana, Wiesinger et al (1995). Camphorsulfonic Acid Fully Doped Polyaniline Emeraldine Salt : Conformation in Different Solvents Studied by an Ultraviolet./Visible/Near- Infrared Spectroscopic Method. Chem. Mater, Vol-7, PP 443-445.